

**NON-PROVISIONAL
UTILITY PATENT APPLICATION
TRANSMITTAL - 37 CFR 1.53(b)**

☐ **Duplicate**
(check, if applicable)



MAIL STOP PATENT APPLICATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Attorney Docket No.: 925-605U1
First Named Inventor: Richard F. Conti
Express Mail Label No.: EV 312207734 US
Total Pages of Transmittal Form: 2

Transmitted herewith for filing is the non-provisional utility patent application entitled:

**IMPROVED APPARATUS FOR THE DETECTION AND MEASUREMENT OF
PARTICULATES IN MOLTEN METAL**

which is:

an ☒ Original; or

a ☐ Continuation, ☐ Divisional, or ☐ Continuation-in-part (CIP)
of prior Application No. _____ filed _____.

Anticipated Group/Art Unit: _____ or Class _____, Subclass _____.

☒ This non-provisional patent application is based on Provisional Patent Application No.
60/428,004, filed November 21, 2002.

Enclosed are:

☒ Specification (including Abstract) and claims: 13 pages.

☒ Three sheets of drawings (formal).

☐ Application Data Sheet.

☒ Unexecuted Declaration (original).

☐ Copy of Declaration from prior application.

☐ Separate Power of Attorney (including 37 CFR 3.73(b) statement, if applicable).

☐ Microfiche computer program (Appendix).

☐ Nucleotide and/or Amino Acid Sequence Submission, including:

☐ Computer readable copy ☐ Paper Copy ☐ Verified Statement.

☐ Under PTO-1595 Cover Sheet, an assignment of the invention

☒ Name of Assignee: Heraeus Electro-Nite International N.V.

☐ Certified copy(ies) of _____ Application No(s). _____ filed _____ is/are filed:

☐ herewith or ☐ in prior application _____.

- ☐ Applicant(s), by its/their undersigned attorney, claim(s) Small Entity Status under 37 C.F.R. §1.27 as ☐ an Independent Inventor, or ☐ a Small Business Concern, or ☐ a Non-Profit Organization.
- ☐ Preliminary Amendment.
- ☐ Information Disclosure Statement, PTO/SB/08A, and cited references.
- ☐ Request for Nonpublication of Application Under 35 U.S.C. §122(b)
- ☐ Other: _____

The filing fee is calculated as follows:

			SMALL ENTITY			LARGE ENTITY	
CLAIMS	NO. FILED	NO. EXTRA	BASIC FEE:			BASIC FEE:	
			\$385			\$770	
Total	11-20 =	0	X9	\$	OR	X18	\$0
Independent	2- 3=	0	X43	\$	OR	X86	\$0
<input type="checkbox"/> Multiple Dependent Claims Present			\$145	\$	OR	\$290	\$0
			TOTAL	\$	OR	TOTAL	\$770

- ☐ The Commissioner is not authorized to charge the filing fee at this time as we elect to defer payment of the entire filing fee until receipt of a Notice to File Missing Parts
- ☒ A check in the amount of **\$770.00** to cover the filing is enclosed.
- ☒ The Commissioner is hereby authorized to charge and/or credit **Deposit Account No. 50-1017 (Billing No. 0608)** as noted below. A duplicate copy of this sheet is enclosed.
- ☒ Any overpayments or deficiencies in the above-calculated fee.
- ☐ Filing fee in the amount of \$_____ as calculated above.
- ☒ Any additional fees required under 37 C.F.R. § 1.16 and § 1.17.
- ☒ In the event that a Petition for Extension of Time is required during the prosecution of this application, but not submitted, please charge any extension fee under 37 C.F.R. § 1.136(a) to our Deposit Account noted above.

CORRESPONDENCE ADDRESS

November 21, 2003
(Date)

By: William W. Schwarze

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- WWS:AWS/lcd
- Enclosures